

Title (en)

Cleaning the interior of a powder spray booth by pulsating air flow

Title (de)

Reinigung der Innenwände einer Pulversprühkabine mittels pulsierender Luftstöße

Title (fr)

Nettoyage des surfaces internes d'une cabine de revêtement de poudre par décharges d'air pulsée

Publication

EP 1958703 A3 20080903 (EN)

Application

EP 08075226 A 20010314

Priority

- EP 03075219 A 20010314
- EP 01911907 A 20010314
- EP 00302737 A 20000331
- EP 08075226 A 20010314

Abstract (en)

[origin: EP1312420A2] A powder coating system is provided comprising a powder spray booth (2) with a powder recovery system having an overspray intake (18) communicating with the interior of the booth. The coating system includes an air assist which provides jets of air across a portion of the interior surface of the booth. The surface may be one or more sloped portions (22) of the floor. The air supply may be pulsed to produce periodic bursts of air across the interior surface. <IMAGE>

IPC 8 full level

B05B 15/04 (2006.01); **B05B 15/12** (2006.01); **B05B 14/41** (2018.01); **B05B 14/45** (2018.01); **B05B 14/48** (2018.01); **B05B 16/25** (2018.01); **B05B 16/40** (2018.01)

CPC (source: EP)

B05B 14/41 (2018.01); **B05B 14/45** (2018.01); **B05B 14/48** (2018.01); **B05B 16/25** (2018.01); **B05B 16/405** (2018.01); **Y02P 70/10** (2015.11)

Citation (search report)

- [XY] CH 560558 A5 19750415 - ELFAG HOLDING
- [XY] DE 7014433 U 19700917
- [Y] DE 3516826 A1 19861113 - HEINZEL EBERHARD DIPL ING FH

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